

## ABSTRACT

The present invention improves the start-up characteristics of a fuel gas generating apparatus for a fuel cell comprising a reformer. In a fuel gas generating apparatus 1 for a fuel cell comprising a vaporizer 22 that generates a fuel vapor by vaporizing a raw liquid fuel, a reformer 11 that generates a reforming gas that includes hydrogen from the raw fuel gas that has been partially oxidized by adding reforming air to the fuel vapor generated by the vaporizer 22, and a CO eliminator 13 that generates a fuel gas having carbon monoxide eliminated by adding a CO eliminating air to the reforming gas generated by the reformer 11, the supplied amount of the reforming air during the warm-up of the fuel gas generating apparatus for a fuel cell is larger than the supplied amount of reforming air during idle operation after completion of the warm-up.

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